FVS-3800 / GVS-3800

FVS-3200 / GVS-3200

FVS-3120 / GVS-3110

Ethernet Media Converter – Web Smart Series

H/W Version: 1

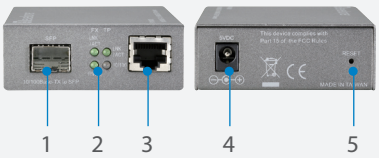
The LevelOne Media Converter Web Smart Series is designed to make conversion between 10/100/1000Base-TX and 100/1000Base-FX Ethernet.

With web-based management, the network administrator can logon to the converter remotely to monitor, configure and control the status of each unit.

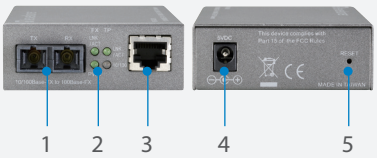
The overall network reliability is enhanced, and the network efficiency is also improved to accommodate and deliver high bandwidth applications.

Enhanced features like VLAN, Q-in-Q and also remote control TS1000 and IEEE802.3ah supported. Support Jumbo Frame up to 9K and Rate Limit for better transition performance.

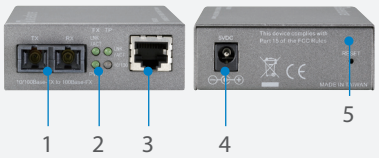
FVS-3800 / GVS-3800



FVS-3200 / GVS-3200



FVS-3120 / GVS-3110



1. Fiber port/connecter
2. LED indicator
3. RJ45 port
4. DC power jack
5. Reset button

Key Features

- HTTP Management with remote firmware upgrade supported
- ICMP and ARP protocols supported
- DHCP Client for easy IP address setup
- LLCF (Link Loss Carry Forward) and LLR (Link Loss Return) supported*.
- 802.1Q VLAN and Double VLAN (Q-in-Q) supported
- Support 802.3x Flow Control to prevent lost data by controlling the device flow loading

Works Well With

FGL-2870
24 FE + 4 GE Combo SFP
L2 SNMP Switch

GEL-2870
24 GE + 4 GE Combo SFP
L2 SNMP Switch

*GVS-3800/3200/3110 support LLCF and LLR, FVS-3800/3200/3120 support only LLR.

Technical Specifications

Standards
IEEE802.3 10Base-T
IEEE802.3u 100Base-TX
IEEE802.3x full-duplex flow control
IEEE802.3z/ab 1000Base-T*
100Base-FX/LX
1000Base-SX/LX*

Cable
UTP: Cat.5 Cable and up to 100m
Fiber:
100Mbps MM: 2km@50/125, 62.5/125, or 100/140µm multi-mode
100Mbps SM: 20km@G8, 3/125, 8.7/125, 9/125 or 10/125µm single-mode
1000SX: 2km@50/125, 62.5/125, or 100/140µm multi-mode
1000LX: 10km@G8, 3/125, 8.7/125, 9/125 or 10/125µm single-mode

Software Features
Web UI Manageability with Port Configuration
IEEE802.1Q VLAN, Double VLAN (Q-in-Q)
Carrier Remote Control IEEE802.3ah and TS-1000 supported
LLCF/LLR supported
Jumbo Frame up tp 9K
Rate Limit

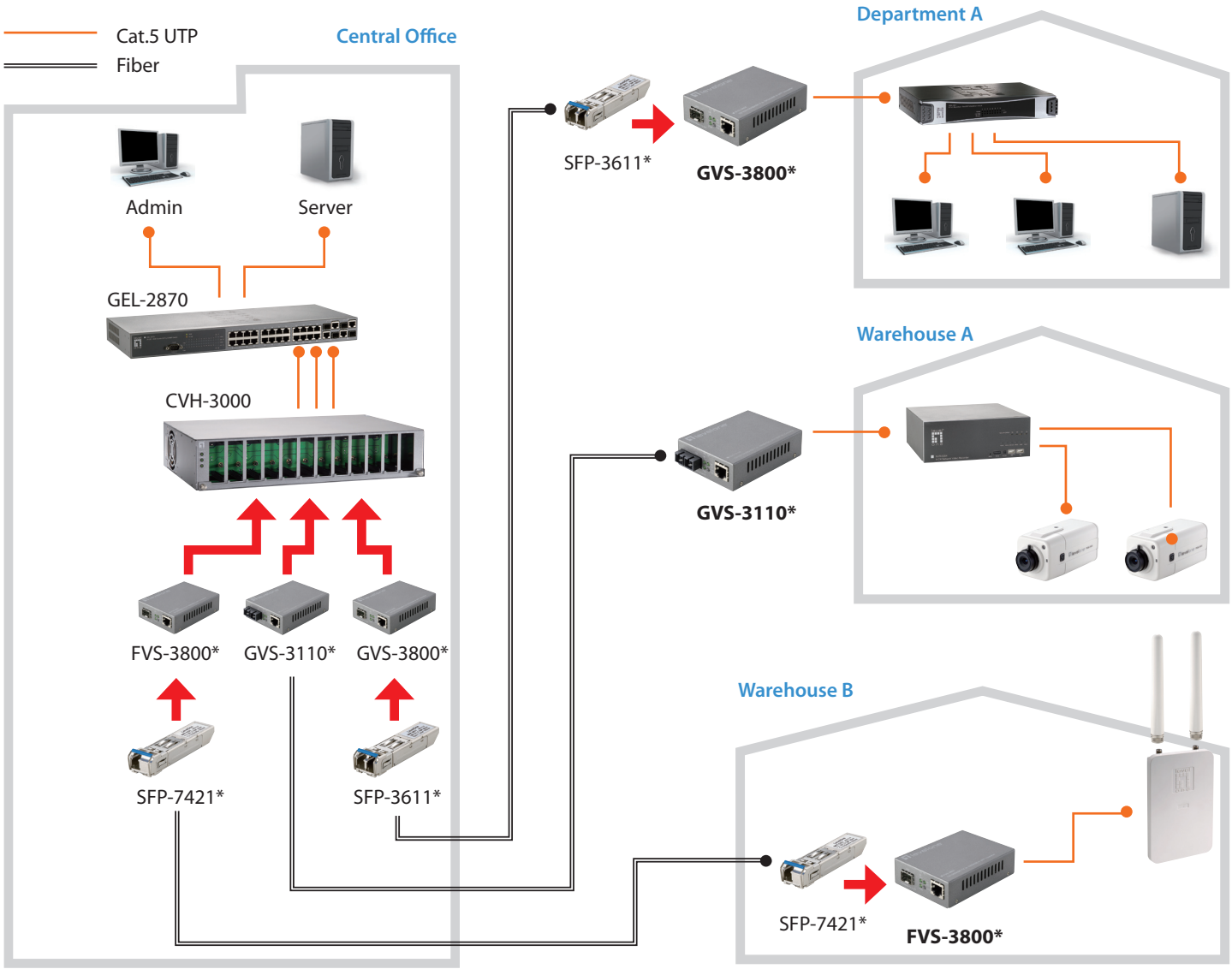
Power Specification
Power Requirement: 1A@+5VDC above
Power Consumption: 1.5Watts

Hardware
Ambient Temperature: 0~50°C
Humidity: 5%~90%
Dimensions (H*W*D): 26.2 x 70.3 x 94mm
Certifications: Comply with FCC Part 15 Class A & CE Mark Approval

Distance
FVS-3120 : 20 Km; GVS-3110 : 10 Km; FVS-3200 : 2 Km; GVS-3200 : 2 Km

*GVS-3800/3200/3110

Dimension Diagram



*In above example diagram, converter modules at local and remote ends should be paired for proper connectivity, and the distance mainly depends on cable and transceiver selection accordingly.

Order Information

FVS-3800: 10/100BASE-TX to 100BASE-X SFP Converter

FVS-3200: 10/100BASE-TX to 100BASE-FX MMF SC Converter

FVS-3120: 10/100BASE-TX to 100BASE-LX SMF SC Converter

GVS-3800: 10/100/1000BASE-T to 1000BASE-X SFP Converter

GVS-3200: 10/100/1000BASE-T to 1000BASE-SX MMF SC Converter

GVS-3110: 10/100/1000BASE-T to 1000BASE-LX10 SMF SC Converter

Package Contents

Smart Media Converter

Power Adapter

CD Manual

Optional Accessories

SFP-1101
155Mbs transceiver 1310nm FP/LED-LD, (MMF 2km), Duplex LC

SFP-1311
155Mbs transceiver 1310nm FP-LD, (SMF 20km), Duplex LC

SFP-1411
155Mbs transceiver 1310nm FP-LD, (SMF 40km), Duplex LC

SFP-7321
155Mbs BIDI, (SM 20km1310/1550), Simplex LC

SFP-7331
155Mbs BIDI, (SM 20km1550/1310), Simplex LC

SFP-7421
155Mbs BIDI, (SM 40km1310/1550), Simplex LC

SFP-7431
155Mbs BIDI, (SM 40km1550/1310), Simplex LC

SFP-3001
1.25 G transceiver 850nm VCSEL, SX (MMF 500m), Duplex LC

SFP-3211
1.25 G transceiver , 1310 nm FP-LD, LX (SMF 10m), Duplex LC

SFP-3411
1.25Gbps SFP Transceiver, SM, EZX, Duplex LC connector (120km)

SFP-9421
1.25G BIDI, (SM 40km 1310/1550), Simplex LC

SFP-9431
1.25G BIDI, (SM 40km 1550/1310), Simplex LC

SFP-3611
1.25Gbps SFP Transceiver, Duplex LC connector (80km)

SFP-3711
1.25 G transceiver 1550nm DFB-LD, EZX (SMF 120km), Duplex LC

SFP-3841
1.25 G transceiver TX Copper (100m), RJ-45 Type

CVH-3000
12-Slot Media Converter Chassis

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